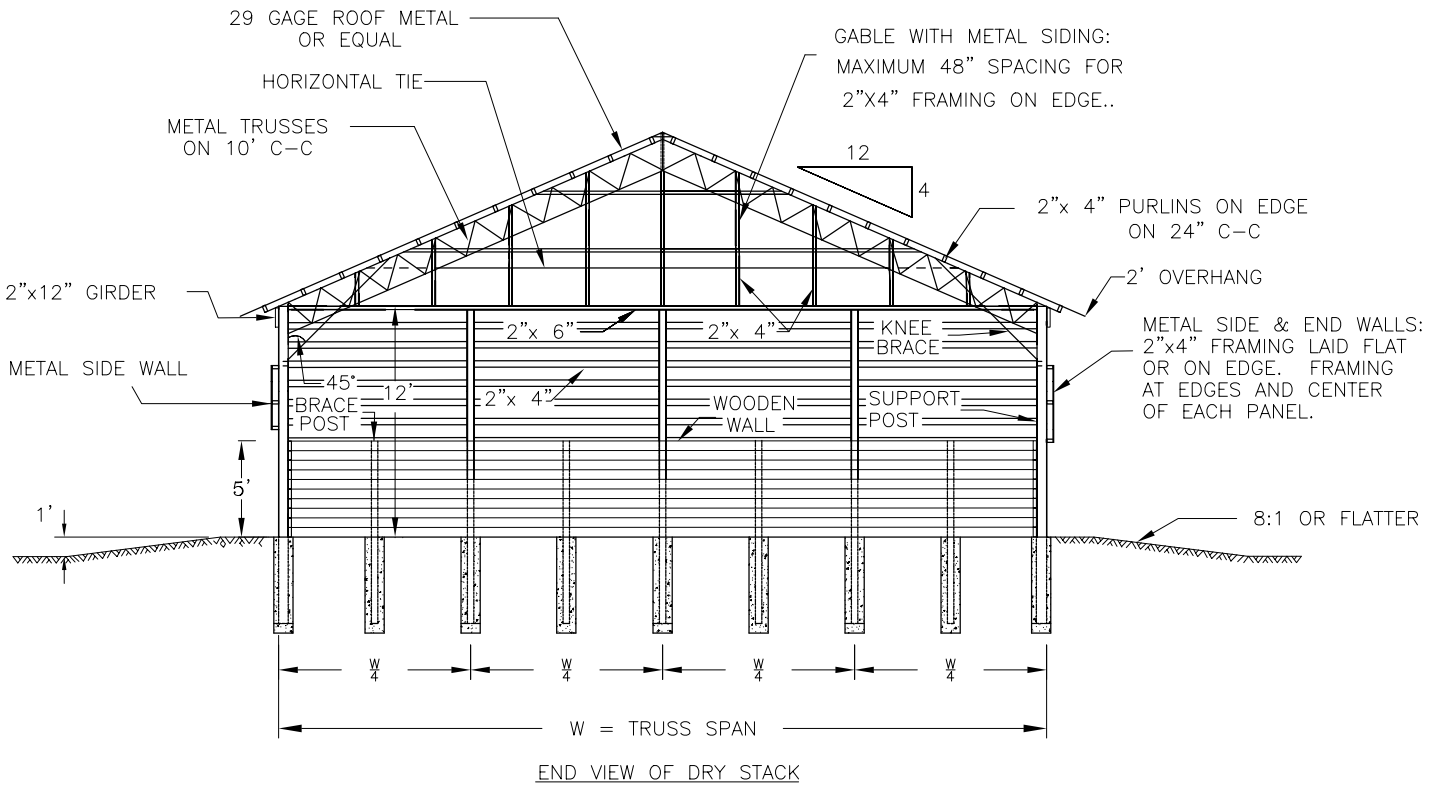
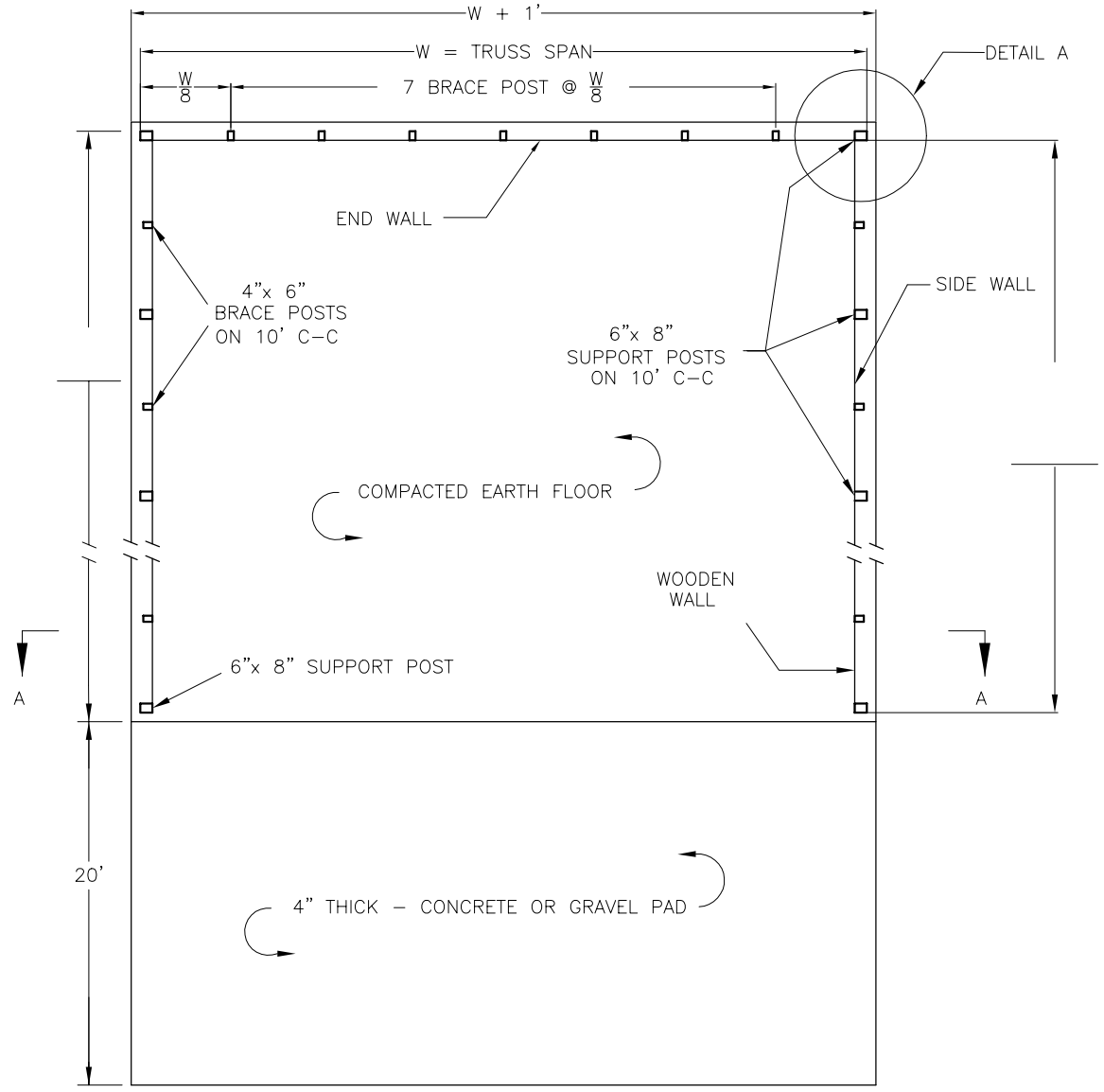
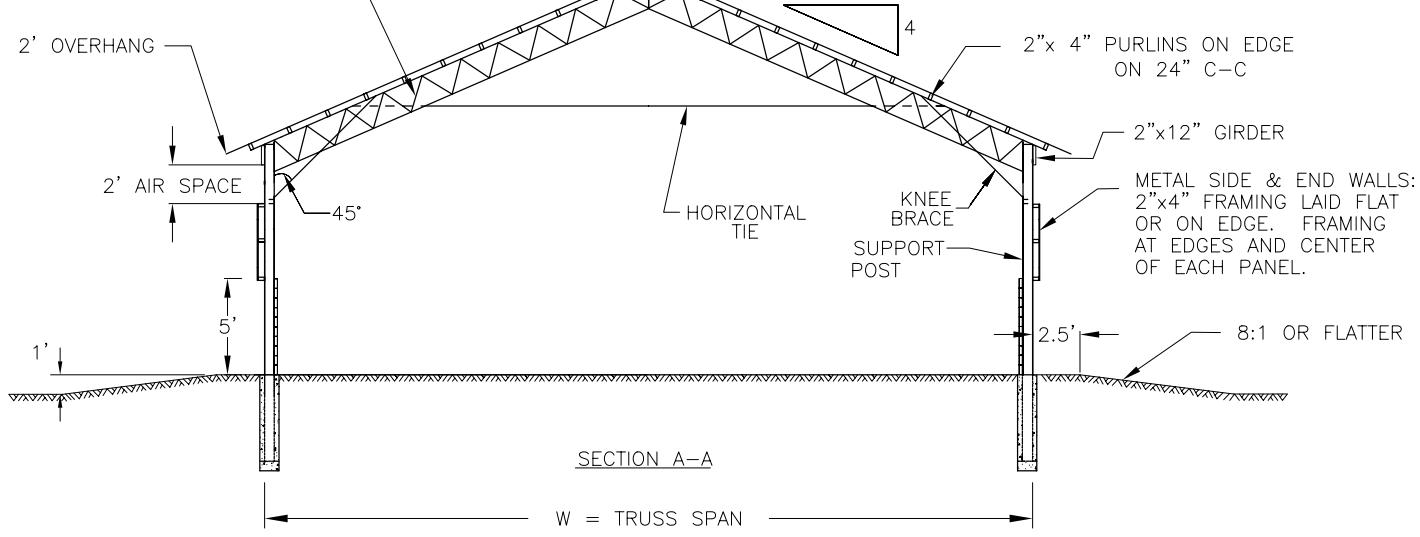
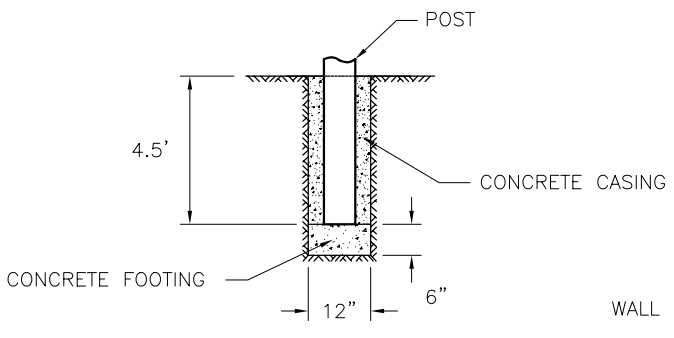


END VIEW OF DRY STACK

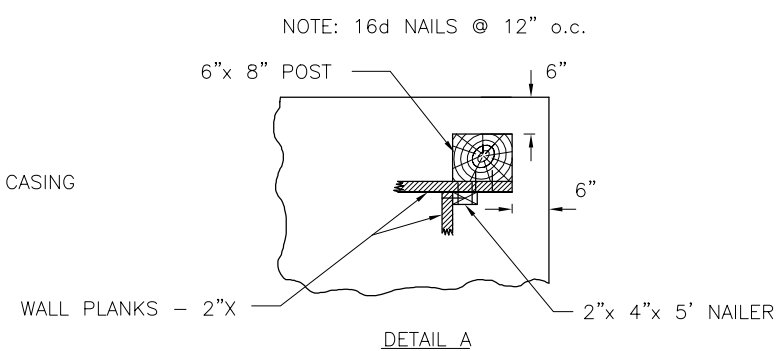




SECTION A–A



POST EMBEDMENT DETAIL
NOT TO SCALE:



DETAIL A
N.T.S.

NOTES:

THIS DRAWING DOES NOT APPLY TO NORTHWEST TEXAS BOUND BY IH20 ON THE SOUTH AND IH35 ON THE EAST.

DIMENSIONS SHOWN ARE FOR TRUSS SPANS 50 FEET AND LESS, MEASURED TO THE OUTSIDE OF SUPPORT POST.

SITE PREPARATION PRIOR TO CONSTRUCTION SHALL INCLUDE FOUNDATION STRIPPING, CONSTRUCTION OF A PAD WITH A MIN. 1' THICKNESS AND 2.5' EXTENSION BEYOND THE LIMITS OF THE SUPPORT POST AND 8:1 SIDE SLOPES OR FLATTER AWAY FROM THE DRY PAD. COMPACTION FOR THE PAD WILL BE SPECIFIED BY THE NRCS TECHNICAL REPRESENTATIVE BEFORE CONSTRUCTION STARTS.

ALL LUMBER SHALL BE NO. 2 SOUTHERN PINE, PRESSURED TREATED. PRESERVATIVE RETENTION RATE SHALL BE 0.6 PCF FOR POST AND 0.4 PCF FOR WALL LUMBER.

THE POST SHALL EXTEND A MINIMUM OF 1' INTO ROCK OR 3' INTO SOIL. IF THE POST DO NOT EXTEND INTO ROCK, A CONCRETE FOOTING SHALL BE USED UNDER THE POST. SEE DETAIL OF POST EMBEDMENT. THE GREATER DIMENSION OF THE SUPPORT POST SHALL BE PERPENDICULAR TO THE SIDE WALLS AND THE BRACE POST PERPENDICULAR TO THE WALLS BRACED.

THERE SHALL BE A 2–FOOT AIR SPACE PROVIDED BETWEEN THE TOP OF THE WALL AND GIRDER.

THE METAL ROOF SHALL HAVE A MIN. 2' OVERHANG ON SIDES.

ALL NAILS, BOLTS, NUTS AND WASHERS, WHICH WILL BE IN CONTACT WITH WASTE MATERIALS SHALL BE GALVANIZED.

TRUSSES INCLUDING KNEE BRACES AND HORIZONTAL TIES SHALL BE DESIGNED FOR APPROPRIATE WIND, LIVE AND DEAD LOADS BY A REGISTERED PROFESSIONAL ENGINEER FROM THE STATE OF TEXAS AND SHALL BE INSTALLED AS DESIGNED.

CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.

THIS BUILDING SHALL NOT BE MODIFIED BY ADDING ADDITIONAL STRUCTURES OR CHANGING THE DIMENSIONS.

DESIGNED BY: J. WALKER
DRAWN BY: B.T. STREET
CHECKED BY: JWM
FILE NAME: Dry Stack-Earth.dwg
DATE PLOTTED: 6/02

DRY STACK LITTER STORAGE BUILDING FOR TRUSS SPANS 50' AND LESS AND EARTH FLOOR PLAN, ELEVATION AND DETAILS

IN _____ COUNTY, TEXAS

USDA NRCS Natural Resources Conservation Service

REVISIONS	DATE

DRAWING NO. TX–EN–0426

SHEET 1